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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/014,525	01/28/1998	MICHAEL SASUTA	CM02261H	4610

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EXAMINER

DUONG, FRANK

ART UNIT	PAPER NUMBER
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2666

DATE MAILED: 05/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/014,525

Applicant(s)

SASUTA ET AL.

Examiner

Frank Duong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 January 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 and 49-55 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 and 49-55 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This Office Action is a response to the amendment dated 01/22/2003. Claims 1-12 and 49-55 are pending in the application.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-12 and 49-55 are rejected under 35 U.S.C. 102(e) as being anticipated by Pepe et al (USP 5,742,668) (hereinafter "Pepe").

Regarding **claim 1**, in accordance with Pepe reference entirety, Pepe discloses in a communication system (Fig. 4) that includes a service provider (48) and a subscribers (30), a method for processing services comprises the steps of:

indicating to the subscriber that the service provider is capable of supporting a service (*see col. 16, lines 36-50*);

receiving service processing logic from the subscriber to allow the service provider to provide the service (*see col. 18, lines 1-16 and col. 19, line 66 to col. 20, line 52*);

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executing the service processing logic received from the subscriber to provide the service to the subscriber based on the service processing logic when the service has been requested (*see col. 18, lines 16-20*).

Regarding **claim 2**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses wherein the step of indicating is performed upon receipt of at least one of: a service registration from the subscriber and a service invocation from the subscriber (*see col. 16, lines 36-50*).

Regarding **claim 4**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses within receiving an indication of service requirements of the one of the plurality of subscribers by the service provider; and determining whether the service provider is capable of supporting the at least one service base on the indication by the service provider (*see col. 16, lines 1-51*).

Regarding **claim 5**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses the step of storing a service application, and wherein the service processing logic comprises custom user parameters, wherein the custom user parameters modify the service application to meet customization requirement of the subscriber (*see col. 19, line 66 to col. 20, line 52, Pepe discloses the subscriber profile download and modifying process and col. 26, line 4 to col. 27, line 34 for PDA application*).

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Regarding **claim 6**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses the service processing logic comprises a service application and custom user parameters that relate to the service (*see col. 19, line 66 to col. 20, line 52 and col. 26, line 4 to col. 27, line 34*).

Regarding **claim 7**, in addition to features recited in base claim 6 (*see rationales pertaining the rejection of base claim 6 discussed above*), Pepe further discloses queuing the at least one service when at least one of: the service provider has insufficient processing and memory and the communication system has insufficient communication resources (*see col. 23, line 38 to col. 24, line 64 for the handling of wireless messaging*).

Regarding **claim 8**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses deleting the service processing logic by the service provider based on deletion parameters, wherein the deletion parameters comprise at least one of: a time out period, service priority, processing and memory availability, number of times that at least one service has been executed exceed a threshold, and lack of activity (*see col. 17, lines 6-63 for deregistration process*).

Regarding **claim 9**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses the steps of: receiving a command from the subscriber; and disabling the service processing logic in response to the command when the subscriber is authorized to

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command disablement of the service processing logic (*see col. 17, lines 6-63 for deregistration process*).

Regarding **claim 10**, in addition to features recited in base claim 9 (*see rationales pertaining the rejection of base claim 9 discussed above*), Pepe further discloses the step of disabling the service processing logic by at least one of: erasure and inactivation (*see col. 17, lines 6-63 for deregistration process*).

Regarding **claim 11**, in addition to features recited in base claim 10 (*see rationales pertaining the rejection of base claim 10 discussed above*), Pepe further discloses the step of, when the service processing logic was disabled by inactivation, subsequently receiving a second command from the subscriber to reactivate the service processing logic (*see col. 17, lines 6-63 for deregistration process*).

Regarding **claim 12**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses the step of receiving authentication from the subscriber to allow the service provider to support the service (*see col. 15, lines 9-11*).

Regarding **claim 55**, in addition to features recited in base claim 1 (*see rationales pertaining the rejection of base claim 1 discussed above*), Pepe further discloses the steps of: receiving a request for the service from a second subscriber (32 or 34); and executing the service processing logic received from the subscriber to provide the service to the second subscriber (*see Fig. 1 and col. 5, lines 5-30*).

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Regarding **claim 49**, in accordance with Pepe reference entirety, Pepe discloses in a communication system (Fig. 4) that includes a service provider (48) and a plurality of subscribers (30-34), a method for processing services comprises the steps of:

determining that the service provider is capable of supporting a service (see col. 16, lines 36-50);

sending service processing logic to the service provider to allow the service provider to provide the service (see col. 18, lines 1-16 and col. 19, line 66 to col. 20, line 52);

receiving the service processing logic based on the service processing logic received from the service provider when the service has been requested (see col. 18, lines 16-20).

Regarding **claim 3**, in addition to features recited in base claim 49 (see *rationales pertaining the rejection of base claim 49 discussed above*), Pepe further discloses within receiving an indication of service requirements of the one of the plurality of subscribers by the service provider; and determining whether the service provider is capable of supporting the at least one service base on the indication by the service provider (see col. 16, lines 1-51).

Regarding **claim 50**, in addition to features recited in base claim 49 (see *rationales pertaining the rejection of base claim 49 discussed above*), Pepe further discloses wherein the service processing logic comprises custom user parameters, wherein the custom user parameters modify the service application to meet customization requirement of the subscriber (see col. 19, line 66 to col. 20, line 52,

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Pepe discloses the subscriber profile download and modifying process and col. 26, line 4 to col. 27, line 34 for PDA application).

Regarding **claim 51**, in addition to features recited in base claim 49 (see *rationales pertaining the rejection of base claim 491 discussed above*), Pepe further discloses the service processing logic comprises a service application and custom user parameters that relate to the service (see *col. 19, line 66 to col. 20, line 52 and col. 26, line 4 to col. 27, line 34*).

Regarding **claim 52**, in addition to features recited in base claim 49 (see *rationales pertaining the rejection of base claim 491 discussed above*), Pepe further discloses sending an indication of service requirement to the service provider (see *col. 15, lines 1-11*).

Regarding **claim 53**, in addition to features recited in base claim 49 (see *rationales pertaining the rejection of base claim 491 discussed above*), Pepe further discloses the step of sending a disable command to the service provider to disable the service provider from providing the service based on the service processing logic (see *col. 17, lines 7-63*).

Regarding **claim 54**, in addition to features recited in base claim 49 (see *rationales pertaining the rejection of base claim 491 discussed above*), Pepe further discloses the step of authenticating the service provider to allow the service provider to support the service with the service processing logic (see *col. 15, lines 9-11*).

Response to Arguments

3. Applicant's arguments with respect to claims 1-12 and 49-55 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Want et al (USP 5,564,070).

Briancon et al (USP 5,754,953).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Frank Duong whose telephone number is (703) 308-5428. The examiner can normally be reached on 7:00AM-3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on (703) 308-5463. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

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A handwritten signature in black ink, appearing to read "Frank Duong". The signature is written in a cursive, flowing style with a large initial "F" and a long, sweeping underline.

Frank Duong
May 4, 2003